# The **FABRIC** of imagination!

This Thanksgiving Day in New York City, as in every year since 1927, children and adults will be entranced by the fantastic balloon figures which float the path of the annual Macy Parade.

Built by the Aviation Products Division of Goodyear, the grotesque, bobbing, helium-filled figures have an old-world flavor which delights millions who view the annual event.

But serious pioneering and gallant purpose lie behind the pleasant pageantry of these giant balloons.

Their very existence stems from the solving of aeronautical problems on which hinged life and death.

For the fabrics from which they are made, and the techniques by which they are built, are the very ones which have resulted in the first successful bullet-sealing fuel tank for military aircraft, antisubmarine simbles, elect-othermal loeguards which protech high-speed jet aircraft from icing hazards—ands hots fore halprics which today are being used to produce products which contain missile propellants, protect radar, travenes swamps, cushion shocks and save lives.

Goodycar, Aviation Products Division Akron 16, Ohio, and Los Angeles, 54, California

FACILITIES + ABILITIES =

GOOD YEAR

#### Are You Interested In WEIGHT REDUCTION?

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AVIATION WEEK Nov York 38-730 W. Clad St. From LOspoon 4-2000 Driver LO 4-2000 Editorial Officer

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ANATONIC WIDE & NOVEMBER 7, 1955 \* No. 41, No. 7.

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#### Lightweight Cabinet for Electronic Brains ...made of magnesium

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AVAIDON WEEK, November 7, 1953

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► Councir is developing a latering version of its Tenter sufficiently missile Markey of the Dogles C152 transport will be moved from California

► The de Havilland Council I will be fitted with Rolls-Rosco R.A. 29 entires. obtain an arrest/breess certificate for the Count 4. Present slave rell for the Powert Vaneuard satellite to other the earth

► Endogage provides on the de Havilland Ambassaku transport have ► New PTV Newtones have usule successful sir landings and takenfu during



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#### Aircraft Profits Hearings

#### Montgomery's Visit

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#### Iron Curtain Going Up?

#### Congresswomen Cochron?

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#### AVIATION WEEK NOVEMBER 7, 1955

#### Renegotiation Confuses Profit Outlook

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#### Air Defense Network Proposed For Common System Navigation

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By Philip J. Klass

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AMAZION WEEK, November 7, 1955







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# AFRONAUTICAL ENGINEERING

#### Allison's 501: Experience Backs Civil Air

By David A. Anderton

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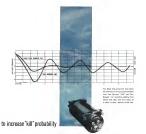
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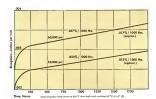












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AVSACION WEEK, Namedon T, 1955



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#### How Boeing engineers are penetrating the "thermal thicket"

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#### PRODUCTION



At Ryan Aeronautical Co.

#### Diversified Production Means Prosperity

See Direction Assessment Co.

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#### Jet Engine Parts, Combustion Chambers, Fusclages, Avionics,













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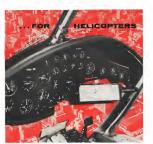
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ANATION WEEK Named of T. 1955



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## **Jet Era Is Reawakening Interest** In Automatic Approach Couplers

By Philip J. Klan.

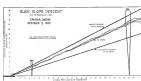
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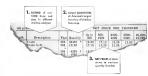
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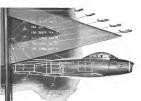
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